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Keywords: backpropagation, dynamical systems, learning, motion control, ne simulation

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D. J. Littlewood, P. A. Drakopoulos, G. Subbarayan

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Keywords: Artificial Neural Networks, CMYK, Color Conversion, Color Fidelity, Printing, Color Space Transformation, Optimization, Pareto-optimization, Tetra

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William J. E. Potts

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Cathy H. Wu, Jerry W. McLarty, George M. Whitson


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13 Synthetic aperture radar image formation with neural networks

Ted Frison, S. Walt McCandless, Robert Renze

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14 Combining multi-visual features for efficient indexing in a large image database

Anne H. H. Ngu, Quan Z. Sheng, Du Q. Huynh, Ron Lei

April 2001 The VLDB Journal — The International Journal on Very Large Databases

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Keywords: High-dimensional indexing, Image retrieval, Neural network

15 Audio-visual speech recognition using red exclusion and neural networks

Trent W. Lewis, David M. W. Powers

January 2002 Australian Computer Science Communications , Proceedings of the 10th Australian Computer science - Volume 4, Volume 24 Issue 1

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Automatic speech recognition (ASR) performs well under restricted conditions in noisy environments. Audio-Visual Speech Recognition (AVSR) combats this by incorporating visual information. This paper briefly reviews the contribution of psycholinguistics to machine AVSR. An important first step in AVSR is that of feature extraction from the input. The method developed by the authors is briefly presented.

Keywords: audio-visual speech recognition, neural networks, sensor fusion

16 A QoS-Provisioning neural fuzzy connection admission controller for multi

Ray-Guang Cheng, Chung-Ju Chang, Li-Fong Lin

February 1999

IEEE/ACM Transactions on Networking (TON), Volume 7 Issue

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17 Technique for automatically correcting words in text

Karen Kukich

December 1992

ACM Computing Surveys (CSUR), Volume 24 Issue 4

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Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent checking, natural-language-processing models, neural net classifiers, spell checker error patterns, statistical-language models, word recognition and correction

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M. D. Garriss, R. A. Wilkinson, C. L. Wilson

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Hong Zhang, Jian Guan, Gwong C. Sun

April 1992


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Keywords: back propagation, neural network, pattern recognition, standardization




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Dieter Merkl, Erich Schweighofer
June 1997 Proceedings of the sixth international conference on Artificial intelligence
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